

# Notice of Allowability

Application No.

10/719,790

Examiner

Sara Addisu

Applicant(s)

TUNG, HSIN CHIH

Art Unit

3722

## -- The MAILING DATE of this communication appears on the cover sheet with the correspondence address--

All claims being allowable, PROSECUTION ON THE MERITS IS (OR REMAINS) CLOSED in this application. If not included herewith (or previously mailed), a Notice of Allowance (PTOL-85) or other appropriate communication will be mailed in due course. **THIS NOTICE OF ALLOWABILITY IS NOT A GRANT OF PATENT RIGHTS.** This application is subject to withdrawal from issue at the initiative of the Office or upon petition by the applicant. See 37 CFR 1.313 and MPEP 1308.

1. ☒ This communication is responsive to 2/17/06.
2. ☒ The allowed claim(s) is/are 1 and 4-10.
3. ☐ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
  - a) ☐ All b) ☐ Some\* c) ☐ None of the:
    1. ☐ Certified copies of the priority documents have been received.
    2. ☐ Certified copies of the priority documents have been received in Application No. \_\_\_\_\_.
    3. ☐ Copies of the certified copies of the priority documents have been received in this national stage application from the International Bureau (PCT Rule 17.2(a)).

\* Certified copies not received: \_\_\_\_\_.

Applicant has THREE MONTHS FROM THE "MAILING DATE" of this communication to file a reply complying with the requirements noted below. Failure to timely comply will result in ABANDONMENT of this application.

**THIS THREE-MONTH PERIOD IS NOT EXTENDABLE.**

4. ☐ A SUBSTITUTE OATH OR DECLARATION must be submitted. Note the attached EXAMINER'S AMENDMENT or NOTICE OF INFORMAL PATENT APPLICATION (PTO-152) which gives reason(s) why the oath or declaration is deficient.
5. ☐ CORRECTED DRAWINGS (as "replacement sheets") must be submitted.
  - (a) ☐ including changes required by the Notice of Draftsperson's Patent Drawing Review (PTO-948) attached
    - 1) ☐ hereto or 2) ☐ to Paper No./Mail Date \_\_\_\_\_.
  - (b) ☐ including changes required by the attached Examiner's Amendment / Comment or in the Office action of Paper No./Mail Date \_\_\_\_\_.Identifying indicia such as the application number (see 37 CFR 1.84(c)) should be written on the drawings in the front (not the back) of each sheet. Replacement sheet(s) should be labeled as such in the header according to 37 CFR 1.121(d).
6. ☐ DEPOSIT OF and/or INFORMATION about the deposit of BIOLOGICAL MATERIAL must be submitted. Note the attached Examiner's comment regarding REQUIREMENT FOR THE DEPOSIT OF BIOLOGICAL MATERIAL.

### Attachment(s)

1. ☐ Notice of References Cited (PTO-892)
2. ☐ Notice of Draftsperson's Patent Drawing Review (PTO-948)
3. ☐ Information Disclosure Statements (PTO-1449 or PTO/SB/08), Paper No./Mail Date \_\_\_\_\_
4. ☐ Examiner's Comment Regarding Requirement for Deposit of Biological Material
5. ☐ Notice of Informal Patent Application (PTO-152)
6. ☐ Interview Summary (PTO-413), Paper No./Mail Date \_\_\_\_\_
7. ☐ Examiner's Amendment/Comment
8. ☒ Examiner's Statement of Reasons for Allowance
9. ☐ Other \_\_\_\_\_.

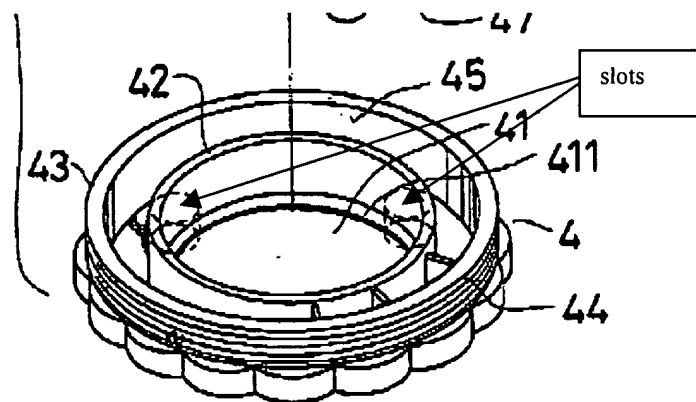
**DETAILED ACTION**

***Allowable Subject Matter***

Claims 1 and 4-10 are allowed.

Regarding claims 1 and 4, the prior art of record CHEN (U.S. Patent No. 6,921,235), teaches a laser-positioning device (A) for a drilling machine having a clamping ring fitted around a drill chuck of a drilling machine (i.e. placed at a location of an outer case of the drilling machine above the drill tool) ('235, figure 5). CHEN also teaches the laser-positioning device (A) comprising a carrier base (4), having two accommodating slots (see figure below) with a pair of laser sources (46) mounted in it such that the light beam is projected forming an intersecting point on a trajectory of the drill tool ('235, Col. 3, lines 1-14) (note: MSN Encarta defines a slot as opening: a narrow vertical or horizontal opening into which something can be inserted).

The prior art of record CHEN (U.S. Patent No. 6,921,235), fails to anticipate or make obvious the carrier base having an L-shaped contour with a plurality of attachment ears assembled at an inner edge of the carrier base.



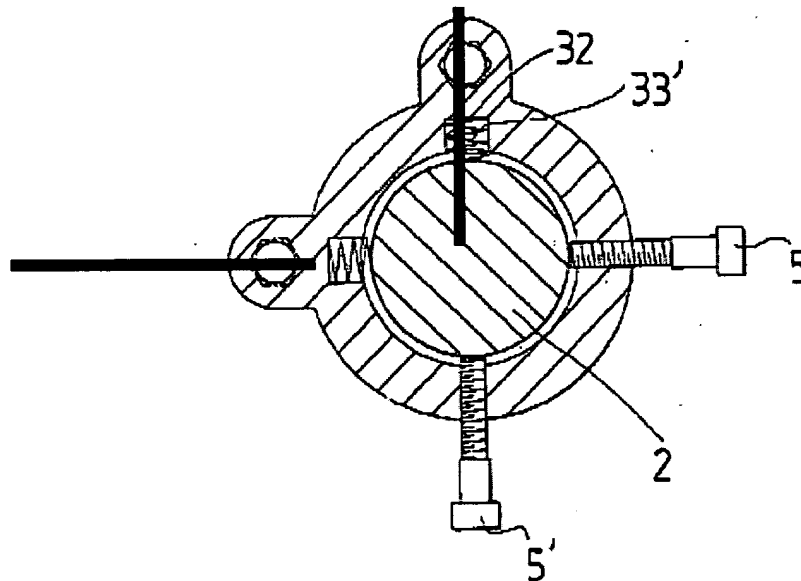
F I G. 3

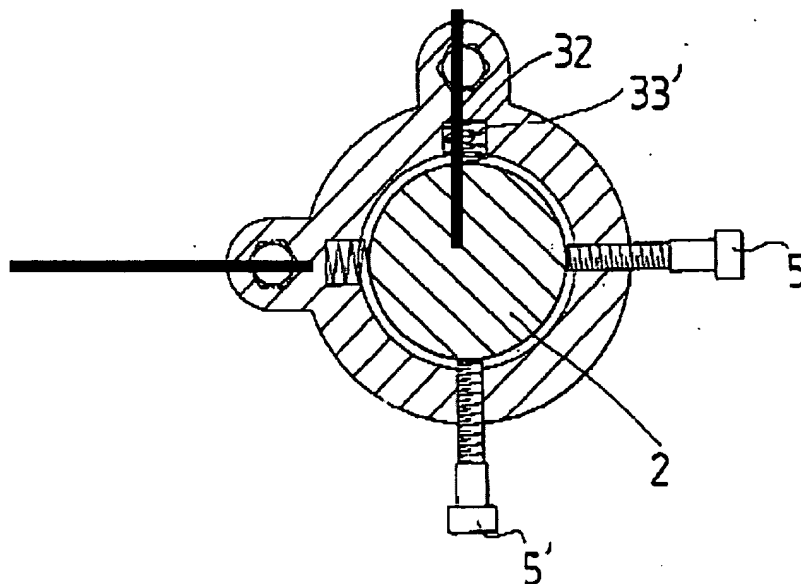
Another prior art of record CHEN (U.S. Pub. No. 2004/0136795), regarding claims 1 and 4, teaches a laser-positioning device (1) for a drilling machine placed at a location of an outer case of the drilling machine above the drill tool (2004/0136795, figures 3 and 4). CHEN also teaches the laser-positioning device (1) comprising a carrier base (3), having two accommodating slots (31, 31') with a pair of laser sources (4, 4') mounted in it such that the light beam is projected forming an intersecting point on a trajectory of the drill tool (2004/0136795, paragraph 21) (note: MSN Encarta defines a slot as opening: a narrow vertical or horizontal opening into which something can be inserted). Furthermore, CHEN teaches in figures 3 and 5, the carrier base (3) having a generally L-shaped appearance (see below) with a plurality of attachment ears (33, 33') assembled at an inner edge of the carrier base (3). CHEN also teaches adjustment bolts (5, 5') being screwed such that they contact support tube (2) and cause the attachment ears (33, 33') to also come into contact with the support tube (2)

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(2004/0136795, paragraph 22). Therefore, broadly interpreting the claim, each attachment ear has a threaded hole (34, 34') for fastening to the outer case of the drilling machine.

The prior art of record CHEN (U.S. Pub. No. 2004/0136795), fails to anticipate or make obvious the attachment ears protruding vertically at an inner edge of the carrier base.





### ***Conclusion***

Any inquiry concerning this communication or earlier communications from the examiner should be directed to Sara Addisu at (571) 272-6082. The examiner can normally be reached on 8:30 am - 5 PM.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Boyer Ashley can be reached on (571) 272-4502. The fax phone number for the organization where this application or proceeding is assigned is 571-273-8300.

Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR.

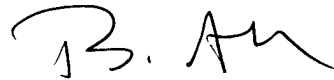
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Status information for unpublished applications is available through Private PAIR only.

For more information about the PAIR system, see <http://pair-direct.uspto.gov>. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free).

Sara Addisu  
(571)272-6082

SA  
4/11/06



**BOYER D. ASHLEY**  
**SUPERVISORY PATENT EXAMINER**